

WE CLAIM:

1 1. A method of generating a set of test sequences to
2 determine interoperability of communication systems when
3 connected to one another, comprising:

4 defining gateways between the connected systems and
5 corresponding end users of the connected systems;

6 determining certain transitions that involve operation
7 of more than one gateway associated with a calling user and a
8 called user; and

9 testing the connected systems for interoperation at
10 said certain transitions.

11 2. A method of generating a set of test sequences to
12 determine interoperability of communication systems when
13 connected to one another, comprising:

14 defining a state machine corresponding to the connected
15 systems, the machine having a number of defined states, and
16 transitions between the states;

17 determining which of the transitions involve operations
18 of more than one system gateway associated with a calling user
19 and a called user; and

- 10 testing the connected systems for operation at at least
11 some of said certain transitions.

11 some of said certain transitions.

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